

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM			2.Date 13 JAN 2004
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA			4. Project Title BACHELOR ENLISTED QUARTERS	
5.Program Element 0206496M	6.Category Code 72124	7. Project Number P440	8. Project Cost (\$000) 18,740	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS (68,620 SF)	m2	6,375		13520
BACHELOR ENLISTED QUARTERS (68,620 SF)	m2	6,375	1,919.90	(12240)
BUILT-IN EQUIPMENT	LS			(180)
TECHNICAL OPERATING MANUALS	LS			(180)
INFORMATION SYSTEMS	LS			(270)
ANTI-TERRORISM/FORCE PROTECTION	LS			(400)
SPECIAL COSTS	LS			(250)
SUPPORTING FACILITIES				2740
SPECIAL CONSTRUCTION FEATURES	LS			(430)
ELECTRICAL UTILITIES	LS			(720)
MECHANICAL UTILITIES	LS			(390)
PAVING AND SITE IMPROVEMENTS	LS			(400)
DEMOLITION	LS			(800)
SUBTOTAL				16260
CONTINGENCY (5%)				810
TOTAL CONTRACT COST				17070
SIOH (6%)				1020
SUBTOTAL				18090
DESIGN/BUILD - DESIGN COST				650
TOTAL REQUEST ROUNDED				18740
TOTAL REQUEST				18740
10. Description of Proposed Construction				
<p>Construct a multi-story reinforced Concrete Masonry Unit (CMU) building with seismic upgrades, service elevator, pile foundation, reinforced concrete slab and floors, and standing seam metal roofing, providing 150 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community, and service core areas consist of laundry facilities, lounges, administrative offices, multi-purpose rooms, housekeeping areas and public restrooms. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes one elevator. Electrical systems include fire alarms, energy saving Electronic Monitoring and Control System (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, Local Area network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, earthwork, grading and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and demolition of buildings 855, 856, 858, and 862, involving asbestos and lead removal. Special costs include</p>				

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<p>seismic features. Special construction features include pile foundations.</p> <p>Rooms: 150 two-person rooms. Maximum utilization: 300 E1-E3. Intended Grade Mix: 225 E1-E3, 50 E-4, 25 E-5 Total: 300 persons.</p>														
<p>11. Requirement: <u>2071MS</u> Adequate: <u>1408MS</u> Substandard: <u>248MS</u></p> <p>PROJECT: This project provides 300 living spaces (150 two-person rooms) for bachelor enlisted personnel using the 2X0 standard room design for permanent party enlisted personnel at Marine Corps Air Station (MCAS) Yuma. (Current Mission)</p> <p>REQUIREMENT: This project is needed to provide billeting for enlisted personnel at MCAS Yuma. This project also supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks that meet modern quality of life standards.</p> <p>CURRENT SITUATION: MCAS Yuma lacks safe, sufficient and adequate quarters for all grades of enlisted personnel. The existing buildings are not in compliance with life/safety/fire and seismic/structural requirements, and are classified as inadequate facilities for personnel. The existing facilities are gang-head configured.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided a shortfall of billeting quarters will continue to exist. Personnel will continue to be billeted in inadequate, unsafe buildings and will continue to endure a lower quality of life. The current living conditions are a detriment to morale and to retention efforts.</p>														
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <table style="width: 100%; border: none;"> <tr> <td colspan="2">1. Status:</td> </tr> <tr> <td>(A) Date Design Start</td> <td style="text-align: right;">082002</td> </tr> <tr> <td>(B) Date Design 35% Complete</td> <td style="text-align: right;">092004</td> </tr> <tr> <td>(C) Date Design Completed</td> <td style="text-align: right;">042005</td> </tr> <tr> <td>(D) Percent Completed as of SEPTEMBER 2003</td> <td style="text-align: right;">3%</td> </tr> </table>					1. Status:		(A) Date Design Start	082002	(B) Date Design 35% Complete	092004	(C) Date Design Completed	042005	(D) Percent Completed as of SEPTEMBER 2003	3%
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